

Kaiter Wu: Software Engineer

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[LinkedIn](#)

[GitHub](#)

[Portfolio](#)

Summary

Engineer with 2+ years of experience developing enterprise .NET and SQL Server solutions for insurance platforms, supporting core financial, accounting, and reporting workflows. Background in Biomedical Engineering and statistical analysis.

Skills

C#, JavaScript, Python, Ruby, Ruby on Rails, .NET, React.js, Redux, HTML5, CSS3, SQL, MS Sql Server, PostgreSQL, AWS, Render, Git, TFVC, Azure Devops, MongoDB, Mongoose, Express, Playwright

Recent Experience

Software Engineer II | [December 2023 - Present](#) | [Vertafore - MGA Systems\(.NET/MSSQL\)](#)

- Developed and enhanced enterprise features for IMS, a distributed .NET client-server desktop platform supporting insurance accounting, claims, reporting, and policy workflows for MGA clients.
- Implemented extensible client-specific customizations using dependency injection and override-based architecture, enabling tailored functionality across 100+ MGA deployments.
- Delivered 300+ user stories spanning CRUD modules, custom WinForms UI overrides, reporting/invoicing, and regulatory data extracts, adapting solutions to diverse client requirements.
- Partnered with QA and DevOps teams to design, test, and deploy versioned .NET DLL releases and SQL Server database updates through structured CI/CD pipelines.
- Refactored and optimized legacy SQL Server stored procedures, improving query execution performance by 50-200% and reducing downstream reporting and batch processing times.

Biomedical Engineer II | [September 2020 - December 2022](#) | [Northwell Health LIJMC](#)

- Supported deployment of a critical-care SURGE unit during COVID-19, enabling overflow capacity for ICU-level patients.
- Collaborated in a multi-million dollar deployment replacing specialized infusion technology (PCA).
- Managed, maintained, and serviced technologies across multiple hospital disciplines. Orchestrated departmental inspections while maintaining a 95% equipment operational rate.

Projects

Spacebook

[live site](#) | [github](#)

A Facebook inspired app using: Ruby on Rails, React/Redux, AWS S3, PostgreSQL, JavaScript, HTML5, CSS3

- Built a Facebook-inspired social media application using Ruby on Rails, React/Redux, and PostgreSQL with full authentication and CRUD functionality.
- Implemented polymorphic "likes" and relational data modeling with ActiveRecord associations.
- Integrated AWS S3 via Active Storage to support real-time photo uploads and previews.

Education

App Academy | [January 2023-April 2023](#) | [New York, NY](#)

In-depth Software Engineering program with focus on full stack webdev and group programming.

Stony Brook University | [Fall 2014 - Spring 2018](#) | [B.E in Biomedical Engineering](#) | [Long Island, NY](#)

Honors College, Presidential Scholar, Magna Cum Laude

Relevant Coursework: BME120: Programming Fundamentals(MATLAB), AMS 315: Data Analysis(R)